THE BUILDER.

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ADVERTISEMENTS.

DAY'S PATENT WINDGUARD, for Ventilating Churches, Hospitals, Factories, Theatres, Club-houses, Breweries, Malt-houses, Shops, Counting-houses, School-rooms, Smoking-rooms, Bed-rooms, Nurseries, Kitchens, Larders, Dairies, Stables, and all Buildings requiring Ventilation; as well as Ships, Mines, Tunnels, &c. &c.; also, for Preventing Down Draft; and is guaranteed to Cure all Smoky Chimneys caused by Wind; and entirely supersedes the use of Revolving Cowls, or anything moveable or unsightly on the tops of Chimneys or Ventilators.

The object of this Invention is to create a draft where otherwise it would not exist, by the spontaneous action of the external air.

The Windguard forms a pleasing octagonal pillar, and by its peculiar construction to carry out the principle, which consists of the wind giving a disposition for a vacuum within, which causes a continual upward current, and can be regulated at pleasure.

The Windguard applied to Ships and Steam Vessels in the form of a Skylight, prevents rain or the sea entering within, however boisterous the weather may be, thereby affording excellent Ventilation, as well as Light.

The Windguard applied to the Tops of Chimneys prevents all annoyance from Smoke, and agreeably Ventilates the room when fires are not required. This is a most simple and effectual way of Ventilating Bed-rooms, Nurseries, Smoking-rooms, Offices, &c.; causing the air of the apartment to be at all times as pleasant as can be desired, and may be regulated by a valve at pleasure.

The Windguard is simple in its application, reasonable in price, ornamental in appearance; no machinery or anything moveable in it, therefore, can get out of order; free from noise or any unpleasantness whatever; not liable to choke up with soot, and no obstacle to the machines used for sweeping chimneys.

The Windguard having been applied, with much success, to the chimneys of Windsor Castle, Buckingham Palace, and Claremont, also to several of the Club-houses, as well as to the mansions of many noblemen and gentlemen, it is with great confidence recommended for the cure of smoky chimneys generally, and may be had of all respectable ironmongers in Town and Country, and may be seen daily in operation at The Patent Ventilating Works, Commercial Road, Pimlico.

Where also may be seen Mr. G. T. Day's plans (illustrating the different applications of his Patent ARCHIMEDIAN VENTILATOR and his PORTABLE WATER APPARATUS) for effectually Ventilating, Warming, and Cooling the Air of Buildings, Ships, &c. &c. By the use of these inventions many thousand feet or any quantity of pure warm or cold air can be guaranteed to be continually exchanged per minute, day and night, winter and summer; thereby ensuring, at all times, free ventilation to the rooms and passages of buildings, &c., from the basement to the roof. The size of the apparatus depends on the nature and use of the buildings and its occupants.

SALES BY AUCTION.

TO CABINET-MAKERS AND OTHERS.

TO BE SOLD by AUCTION, on the Premises, No. 9, New Inn Yard, Tottenham-court-road, nearly opposite the Chapel, on Tuesday, Sept. 5, 1843, at 12 o'clock, by Mr. T. TIMS, the unmanufactured Stock and Utensils of a Cabinet-maker leaving the business; comprising well-seasoned Spanish and other Mahogany, in boards, planks, and squares, fine Rosewood and other Veneers, 15 Benches, Grindstones, and other useful items, worth the attention of the Trade.

To be Viewed the day prior to the Sale, and Catalogues had on the premises; and at Mr. Tims' offices, Ealing, Middlesex; and 63, Upper Charlotte-street, Fitzroy-square, London.

TO CARMEN AND OTHERS.

MR. TIMS WILL SELL BY AUCTION, on the Premises No. 18, Russell-mews, Howland-street, Fitzroy-square, on Tuesday, September 12, at Twelve, the Horses, Vans, and Implements of a Carman leaving the business, comprising very useful Horses, 2 Vans with Tilts, a Cart with ditto, sets of Double Harness, and various useful articles. To be viewed the day previous, and Catalogues had on the premises, and at Mr. Tim's Offices, 63, Upper Charlotte-street, Fitzroy-square, and Ealing, Middlesex.

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BOURNEMOUTH WATERING-PLACE, HANTS. — Several desirable LOTS of LAND on the Bourne Tregonwell Estate to be LET out on BUILDING LEASES, for three lives, or 99 years. The site commands extensive views of the sea and the Isle of Wight, as also the new buildings lately erected by Sir George Jarvis, and is within 10 minutes' walk of the former. It is suggested that a more favourable opportunity for investments seldom offers, the accommodation at present not being at all equal to the demand.

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The above may be seen in its work at the Coffer Dam of the Bridge.

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TWO HUNDRED LOADS of prime OAK TIMBER, 17 and 18 inch meetings, TO BE SOLD on the coast of Hampshire; the same is of excellent quality, and will be sold at a low price.

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Baltic and American Timber.
Yellow and White Deals, Planks, and Battens.
Yellow and Red Pine ditto.
Spruce ditto, ditto.
Yellow and White Dry Prepared Floor Boards.
Ditto, and ditto, ditto, Battens, from ¾-inch to 1¼-inch thick.
New Fir Scantling, all Sizes.
Ditto, Oak ditto.
Ditto, New and Old Oak Ground Joists and Sleepers.
New Oak Sash Sills.
New Oak Boards and Planks.
New Wide Oak Planks for Coffin-makers.
Fir Slating-Laths.
Fir Pantile-Laths.
Single and Double Fir Laths.
Double Fir and Oak Sawn Laths for packing Wine.
At reduced Prices.

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E. WOLFF & SON'S
NEWLY-INVENTED
MATHEMATICAL PENCILS,
FOR
MATHEMATICIANS, ENGINEERS, ARCHITECTS, &c.
Manufactured of Extra Hard Lead, and Warranted to retain a very Fine Point.

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WANTED, by a YOUNG MAN, age about 22, a SITUATION as above, where he will have an opportunity of improving himself. Wages a secondary consideration. Can write a good hand, and would have no objection to make himself generally useful. Address, prepaid, to W. W., Post-office, Homerton.

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Mr. Ried, Charing-cross. Also,
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Manufactured in common Red Ware for ordinary use, and in Fine Biscuit or Glazed Stone Ware of various Patterns, for the Drawing-room or Conservatory. For notices of this improvement effected, see "Gardeners' Magazine" for June, "Paxton's" for May, "Practical Florist," No. 23, "Gardener's Gazette," &c.

Wholesale and Retail, at HUNT'S China and Glass Warehouses, 29, Queen's-row, Pimlico; and 17, Great Ryder-street, St. James's.

Nurserymen and China Dealers wanted as Agents in many of the provincial towns.

Licences granted to Red Potters for the manufacture of Red Ware only for one or more counties as per agreement.

TO ARCHITECTS, SURVEYORS, BUILDERS, AND OTHERS.

PATENT METALLIC CEMENT.—The Proprietors of this valuable Cement (which is prepared from a metallic sand, similar in quality and chemical analysis to the best Italian Pozzelana), after ten years' experience of its excellent qualities, can now, with the fullest confidence, recommend it to the attention of architects, builders, and the public generally, as being superior to and cheaper than any other Cement at present in use.

In colour and texture this Cement closely resembles the best Portland stone; it is much improved, both in appearance and durability, by exposure to the weather, requires neither colour nor paint, and remains entirely free from the green tint produced by vegetation.

The Metallic Cement, when used as an external Stucco for houses, and other buildings, is not liable to be affected by the action of frost, is impervious to all kinds of fresh or salt water, and has (in addition to the numerous trials made of it in this country) stood, without having received the slightest injury, the severity of the climate of New York. It is entirely free from those cracks and blisters which disfigure Roman Cement, and its adhesive qualities are so perfect as to render it almost impossible to separate it from the bricks, slate, or other material upon which it has been laid.

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The extreme beauty and durability of the architectural enrichments which have been executed in this material, warrant the proprietors in claiming for it a marked and decided superiority over all other cements; and they can with the utmost confidence refer to very extensive and highly enriched buildings in which the whole of the decorations (formed of Metallic Cement) have stood for a number of years, uninjured by frost or rain, and still exhibit all the sharpness of outline possessed by the best stone carvings.

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THE WESTERN CROWN & SHEET WINDOW GLASS WAREHOUSE, White Lead, Milled Lead, Pipe, Brushes, Oil, Colours, &c. &c., No. 5, Princes-street, Leicester-square, London. Any inquiry by post will be immediately answered, and a one pound order, accompanied by a post-office cheque for the amount, will receive equal attention, and be executed with the same despatch as one of wholesale description.

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TURPS .. .. ditto	2s. 6d.

Colours equally low (quality warranted) Lists priced, may be had on application. 50 feet of Crown Window Glass at 1s. per foot and upwards.

PRINT PUBLISHERS, PICTURE FRAME AND CABINET MAKERS, can be provided with flatted Crown, flattened Sheet, and the patent Sheet Plate, Lists of which, shewing the price for any Square, from 14 by 12 to 40 by 30 of Best and Seconds quality, will be sent (gratis) upon receiving the address. Builders, Glaziers, and others having to Contract, sending a copy of their specifications, with a list of dimensions to R. COGAN, will receive by return of post the lowest prices for all qualities and sizes of Crown Sheet-Glass and Sheet-Plate, &c. Glazing estimated for if required.

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Sawing and Planing Mills, Gillingham-street,
Grosvenor Basin, Pimlico.

N. B.—Timber (of the largest cube), Planks, Deals, &c., Sawn at the above Mills.

Wine Merchants and others supplied with Dry Saw-Dust.

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Strong Self-acting Kitchen-Ranges, with back Boiler and Oven, and Wrought Bars:—

3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.
3*l.* 6s.	3*l.* 13s.	3*l.* 16s.	4*l.*	4*l.* 10s.

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3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.
5*l.*	5*l.* 15s.	6*l.* 5s.	6*l.* 10s.	7*l.*

Best Register Stoves, at 8d., 9d., and 10d. per inch.
Do. Elliptic do., at 3½d., and 4d. do.

All Goods are warranted and delivered free within 6 miles of London.

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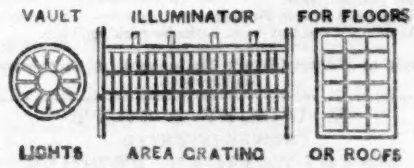
Every article is plainly exhibited, with the READY MONEY price affixed, and warranted of the best make.



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FOR ADMITTING DAYLIGHT with surprising effect in VAULTS, CELLARS, and UNDERGROUND APARTMENTS, ROOFS of BUILDINGS, &c., and all dark places where Light is required. Their extensive and increasing application, and the liberal manner in which they have been taken up by Architects, Surveyors, Builders, &c., has induced the Inventor still further to extend their use by the introduction of several new Patterns. Engravings and Prices, gratis. They may be seen in use on an extensive scale at the Croydon Railway-station, Tooley-street; the Vaults of the St. Katherine's Docks, &c., and also in the Foot Pavement (in place of the ordinary coal-hole plate) in innumerable places in all parts of London, as well as other considerable towns.

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Improved Cramps, for laying Floors.

Metallic Wire Rope, for Lightning Conductors.

Sash Lines, &c. &c.

Manufactory for Iron Suspension, Sliding, and other Doors, Strong Rooms, Plain and Ornamental Palisading, Gates, and Columns,—Also, Metal Sashes, Shop-fronts, Stall-board Plates, Brass butt, and other Hinges, Bell-hanging, &c. Buildings heated upon a new, safe, and superior plan.

Estimates given for every description of Metal-work.

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R. GREAVES is enabled to bring the above valuable articles into the London Market at a very moderate price, and the large demand he has already experienced, confirms his anticipation of their being generally used for STUCCO, CONCRETE, SEWERS, and WATER-WORKS. The Colour (similar to Portland Stone), durability, and freeness from vegetation of the Cement, give it peculiar advantages over any other. No Lime is equal to BLUE LIAS for Concrete, Sewer, and Water-work, in its strength, its imperviousness to damp or wet, and its property of setting as hard as stone under water.

A constant supply fresh from the works, at R. Greaves, Blue Lias Wharf, No. 2, South Wharf, Paddington.

Blue Stone Paving for Hearths, &c., Ornamental Blue and White Paving for Halls, Galway, Black, and every description of Italian Marble in slab, at reduced prices.

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THE RECCA GREEN SLATE, from DEVONSHIRE. This Slate, which approaches in colour the peculiar grey tint of old lead or stone tiling, is of the same excellent quality as Bangor Slate, and is rendered in London at the same prices.

Specimens and particulars to be obtained of J. B. White and Sons, Millbank-street, Westminster.

---

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